

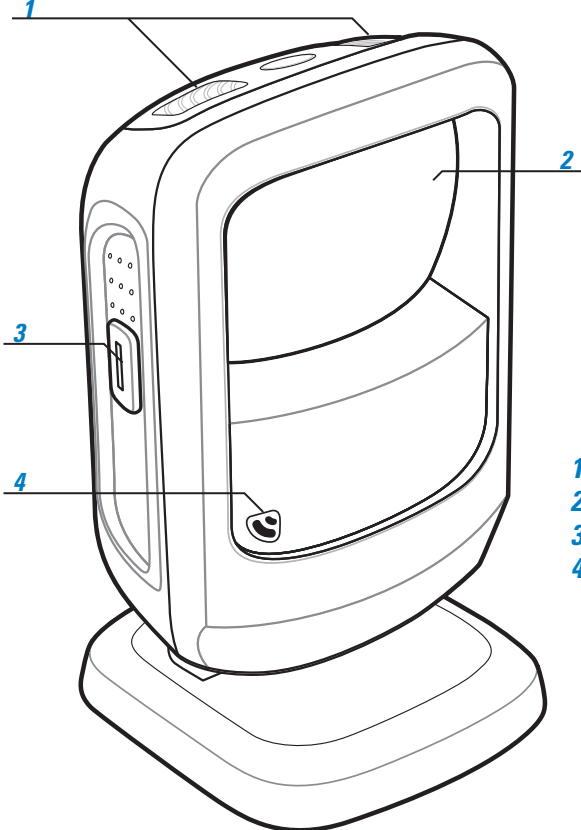
# DS9208

## Quick Start Guide

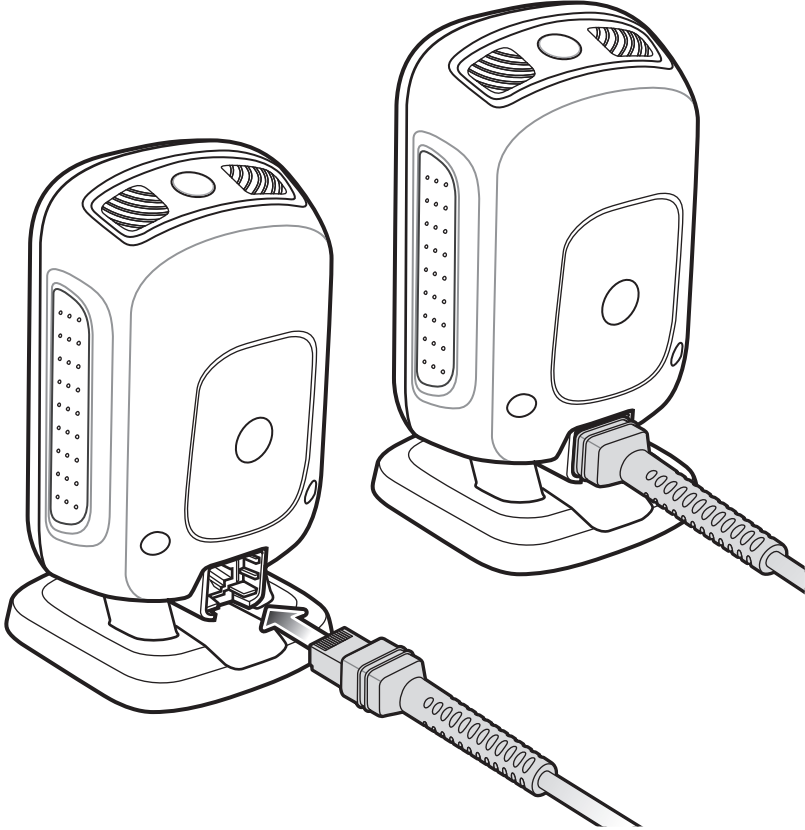
<http://www.motorolasolutions.com/ds9208> See Product Reference Guide for detailed information

### CORD ATTACHMENT

POST IN WORK AREA

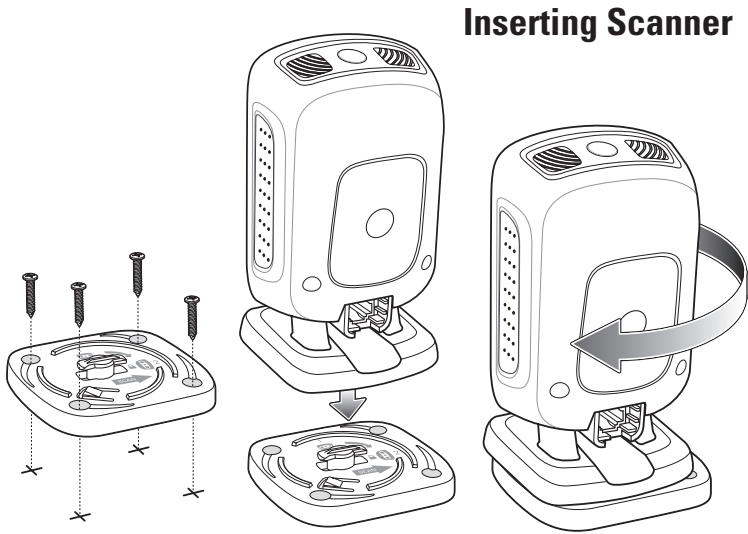
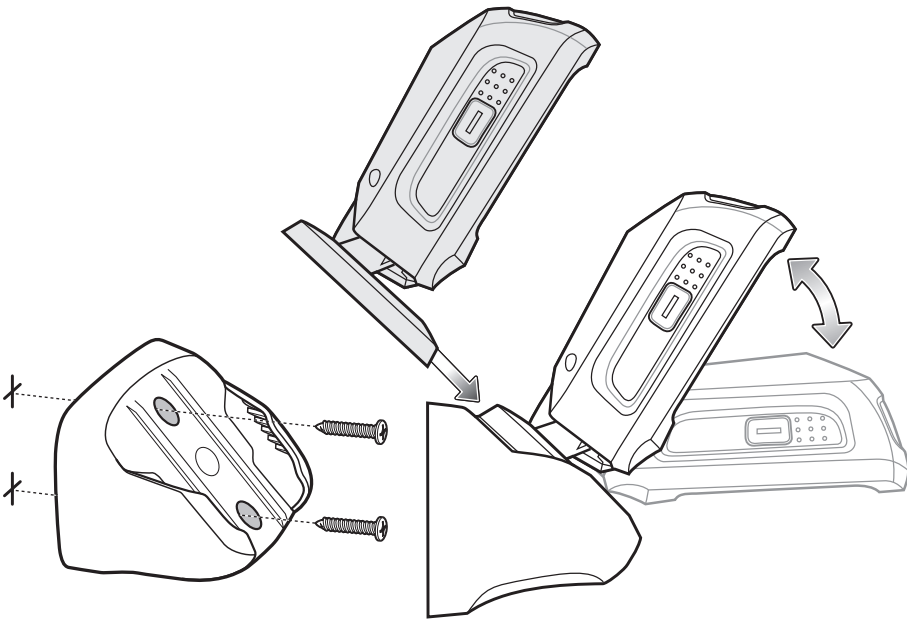


- 1 LED Indicators
- 2 Scan Window
- 3 Scan Trigger
- 4 Beeper



### WALL MOUNTING

### TABLE TOP MOUNTING



Inserting Scanner

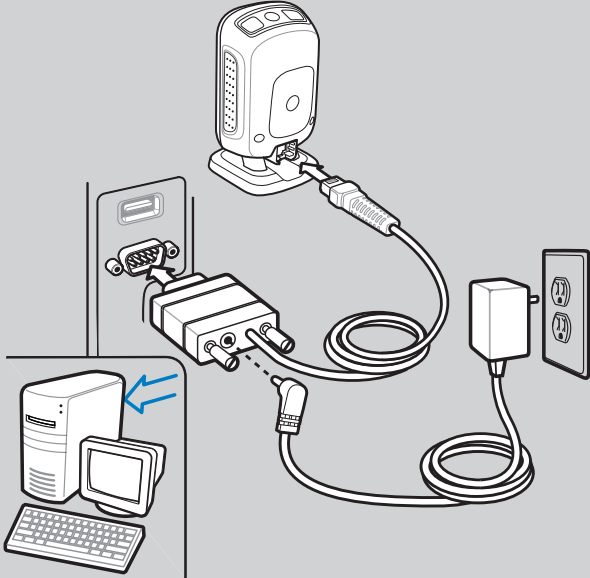


Removing Scanner

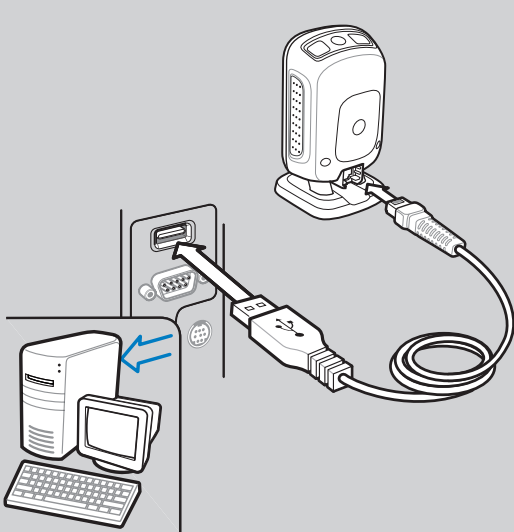
### HOST INTERFACES

NOTE: Cables may vary depending on configuration

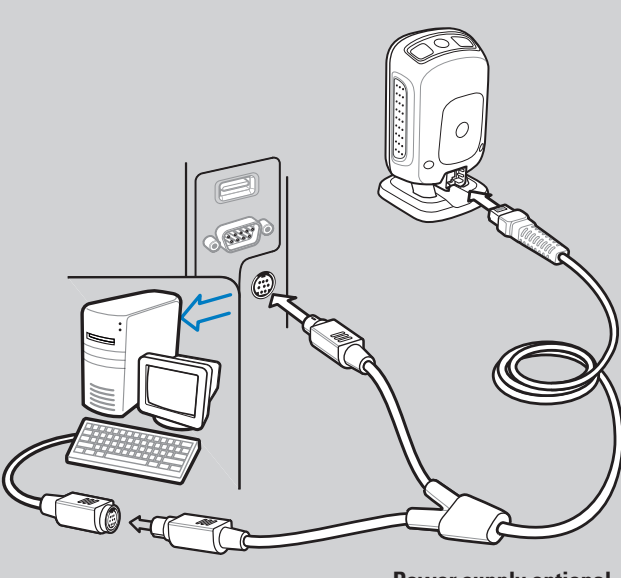
#### RS-232



#### USB

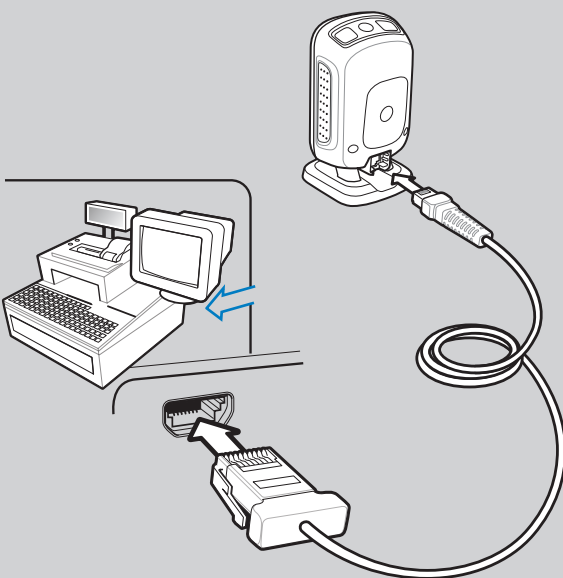


#### Keyboard Wedge



Power supply optional

#### IBM 46XX



### TROUBLESHOOTING

#### Scanner not working

No power to scanner

Check system power; ensure power supply, if required, is connected

Incorrect interface cable used

Ensure that correct interface cable is used

Interface/power cables are loose

Ensure all cable connections are secure

#### Scanner not decoding bar code

Scanner not programmed for bar code type

Ensure scanner is programmed to read type of bar code being scanned

Bar code unreadable

Ensure bar code is not defaced; try scanning test bar code of same type  
Ensure bar code is not defaced; try scanning test bar code of same type

Distance between scanner and bar code incorrect

Move scanner closer to or further from bar code

#### Scanner decoding bar code, but data not transmitting to host

Scanner not programmed for correct host interface

Scan appropriate host parameter bar codes

Interface cable is loose

Ensure all cable connections are secure

#### Scanned data incorrectly displayed on host

Scanner not programmed for correct host interface

Scan appropriate host parameter bar codes

### DS9208 PROGRAMMING BAR CODES

#### Set Defaults



SET DEFAULTS

#### Enter Key (Carriage Return/Line Feed)



<DATA><SUFFIX 1>

#### IBM 46XX Host Types



PORT 5B



PORT 9B

#### USB Host Types



HID KEYBOARD EMULATION



SNAPI WITH IMAGING

#### Keyboard Wedge Host Types



IBM PC/AT and IBM PC COMPATIBLE



PORT 17



IBM HAND-HELD USB



SNAPI WITHOUT IMAGING

#### Scan **ONE** of the following country types



NORTH AMERICAN



ITALIAN

#### RS-232 Host Types



STANDARD RS-232



NIXDORF RS-232 MODE B



FRENCH



SWEDISH



ICL RS-232



FUJITSU RS-232



FRENCH CANADIAN



UK ENGLISH



NIXDORF RS-232 MODE A



OPOS/JPOS



GERMAN



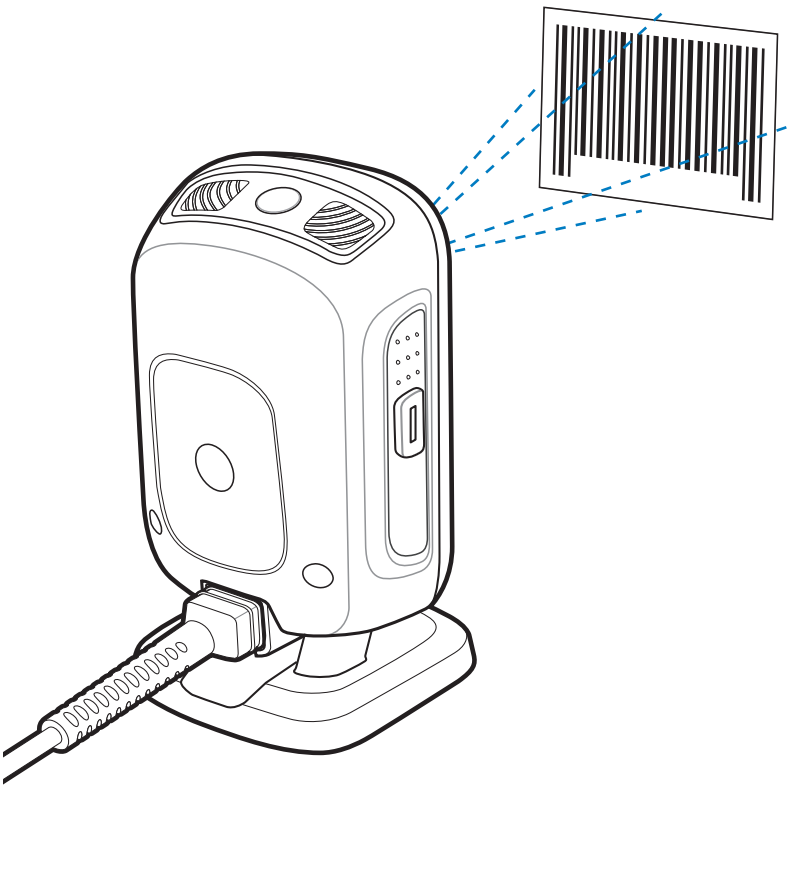
JAPANESE



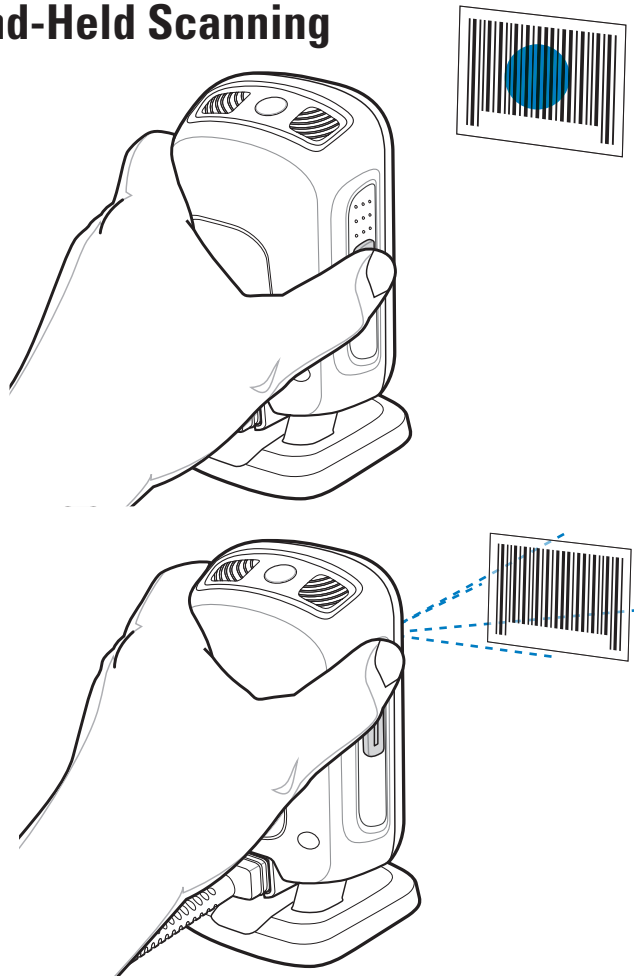
SPANISH



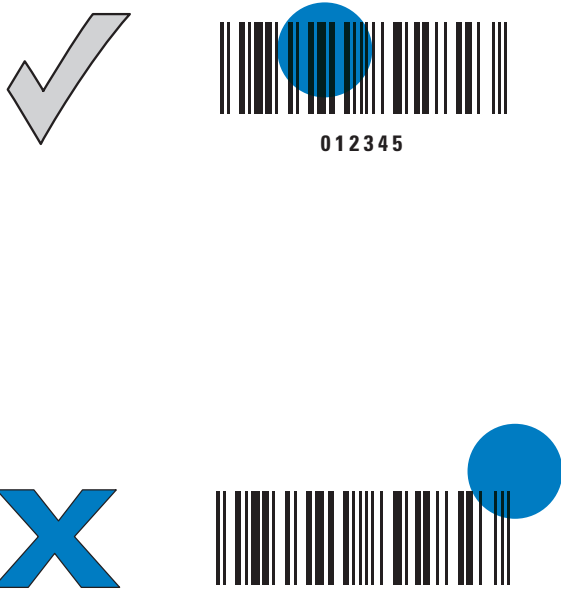
Hands-Free Scanning



Hand-Held Scanning



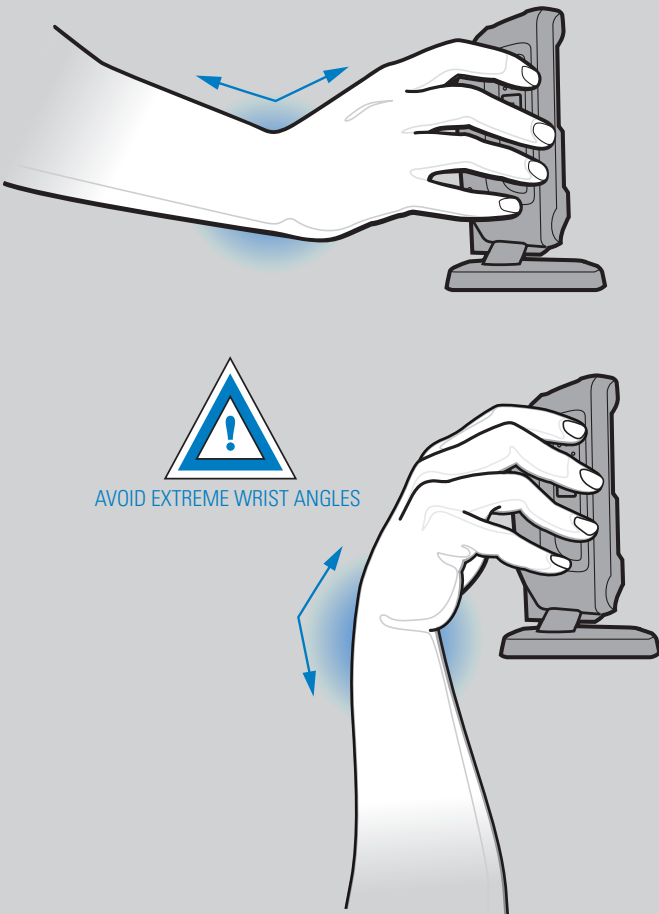
Aiming



OPTIMUM ARM POSITION



AVOID EXTREME WRIST ANGLES



AVOID BENDING AND REACHING



BEEPER INDICATIONS

Standard Use

|                      |                   |                                              |
|----------------------|-------------------|----------------------------------------------|
| Low/medium/high beep | Short medium beep | 4 long low beeps                             |
| Power up             | Bar code decoded  | Transmission error detected; data is ignored |

Parameter Menu Scanning

|                              |                                        |                                                             |
|------------------------------|----------------------------------------|-------------------------------------------------------------|
| High/low/high/low beep       | High/low beep                          | Low/high beep                                               |
| Successful parameter setting | Correct programming sequence performed | Incorrect programming sequence or "Cancel" bar code scanned |

Hand-Held Scanning

|                                                         |                                  |                    |
|---------------------------------------------------------|----------------------------------|--------------------|
| Off                                                     | Green                            | Red                |
| Scanner is on and ready to scan, or no power to scanner | Bar code is successfully decoded | Transmission error |

Hands-Free (Presentation) Scanning

|                     |                          |                                  |                    |
|---------------------|--------------------------|----------------------------------|--------------------|
| Off                 | Green                    | Off Momentarily                  | Red                |
| No power to scanner | Scanner is ready to scan | Bar code is successfully decoded | Transmission Error |

Local Contact: \_\_\_\_\_

123SCAN<sup>2</sup>

123Scan<sup>2</sup> is an easy-to-use, PC-based software tool that enables rapid and easy customized setup via a bar code or USB cable. For more information, visit: <http://www.motorolasolutions.com/123Scan2>.

REGULATORY INFORMATION

**© 2014 Symbol Technologies, Inc.**  
Zebra reserves the right to make changes to any product to improve reliability, function, or design. Zebra does not assume any product liability arising out of, or in connection with, the application or use of any product, circuit, or application described herein. No license is granted, either expressly or by implication, estoppel, or otherwise under any patent right or patent, covering or relating to any combination, system, apparatus, machine, material, method, or process in which Zebra products might be used. An implied license exists only for equipment, circuits, and subsystems contained in Zebra products. Zebra and the Zebra head graphic are registered trademarks of ZIH Corp. The Symbol logo is a registered trademark of Symbol Technologies, Inc., a Zebra Technologies company. This Zebra Product may include Zebra Software, Commercial Third Party Software, and Publicly Available software. Refer to *Product Reference Guide* for complete copyright, conditions and disclaimer information.

**Power Supply**  
Use ONLY a LISTED Zebra, Type no. PWRS-14000 (5Vdc, 850mA), direct plug-in power supply, marked Class 2 or LPS (IEC60950-1, SELV). Use of alternative Power Supply will invalidate any approvals given to this unit and may be dangerous.

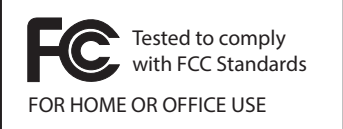
**Waste Electrical and Electronic Equipment (WEEE)**

**English:** For EU Customers: All products at the end of their life must be returned to Zebra for recycling. For information on how to return product, please go to: <http://www.motorolasolutions.com/recycling/weee>.  
**Bulgarian:** За клиентите от ЕС: Всички изделия на края на своята полезност трябва да се връщат на Зейбра за рециклиране. За информация относно връщането на продукта, моля отидете на адрес: <http://www.motorolasolutions.com/recycling/weee>.  
**Cebuano:** Pro zakazniky z EU: Všechny produkty by měly být po skončení jejich životnosti vráceny společnosti Zebra k recyklaci. Informace o způsobu vrácení produktu najdete na webové stránce: <http://www.motorolasolutions.com/recycling/weee>.  
**Danish:** Til kunder i EU: Alle produkter skal returneres til Zebra til recyklering, når de er udfjældt. Læs oplysningerne om returnering af produkter på: <http://www.motorolasolutions.com/recycling/weee>.  
**Deutsch:** Für Kunden innerhalb der EU: Alle Produkte müssen am Ende ihrer Lebensdauer zum Recycling an Zebra zurückgeschickt werden. Informationen zur Rücksendung von Produkten finden Sie unter <http://www.motorolasolutions.com/recycling/weee>.  
**Eesti:** EÜ klientidele: kõik tooted tuleb nende elusa lõppedes tagastada taaskasutamise eesmärgil Zebra'le. Lisainformatsiooni saamiseks loote tagastamise kohta külastage peitku aadressil: <http://www.motorolasolutions.com/recycling/weee>.  
**Español:** Para clientes en la Unión Europea: todos los productos deberán entregarse a Zebra al final de su ciclo de vida para que sean reciclados. Si desea más información sobre cómo devolver un producto, visite: <http://www.motorolasolutions.com/recycling/weee>.  
**French:** Pour clients en l'Union Européenne: Tous les produits en fin de cycle de vie doivent être retournés à Zebra pour recyclage. Pour de plus amples informations sur le retour de produits, consultez: <http://www.motorolasolutions.com/recycling/weee>.  
**Italiano:** per i clienti dell'UE: tutti i prodotti che sono giunti al termine del rispettivo ciclo di vita devono essere restituiti a Zebra al fine di consentire il riciclaggio. Per informazioni sulle modalità di restituzione, visitare il seguente sito Web: <http://www.motorolasolutions.com/recycling/weee>.  
**Latvian:** ES klientiem: vis produkti pēc li kalpošanas mēža bēgami r jānodot atpakaļ Zebrai atbilstošā pārstrādei. Lai iegūtu informāciju par produktu nododāšanu Zebrai, lūdz, skatīt: <http://www.motorolasolutions.com/recycling/weee>.  
**Malay:** ES vartotojams: visi gaminiai, pasibaigę jų eksploatacijos laikui, turi būti grąžinti užsakovui į kompaniją „Zebra“. Daugiau informacijos, kaip grąžinti gaminį, rasite: <http://www.motorolasolutions.com/recycling/weee>.  
**Magyar:** Az EU-ban vásárlóknak: Minden termékemet térmetek a Zebra vállalkozás kőll eljuttatni újrahasznosítás céljából. A termék visszajuttatásának módjával kapcsolatos tudnivalókat látogasson el a <http://www.motorolasolutions.com/recycling/weee> weboldala.  
**Malti:** Għal klijenti f'UE: I-Prodotti kollha li jkun wassku f'għar tal-għajja tr f'du tagħhom, idu jgu ritornati għand Zebra għan-riċiklaġġ. Għal aktar tagħrif dwar kif għandek trirritorna i-prodotti, jekk jogħġbok zur: <http://www.motorolasolutions.com/recycling/weee>.  
**Nederlands:** Voor klanten in de EU: alle producten dienen aan het einde van hun levensduur naar Zebra te worden teruggezonden voor recycling. Raadpleeg <http://www.motorolasolutions.com/recycling/weee> voor meer informatie over het terugzenden van producten.  
**Polski:** Klienci z obszaru Unii Europejskiej: Produkty wycofane z eksploatacji należy zwrócić do firmy Zebra w celu ich użycia. Informacje na temat zwrotu produktów znajdują się na stronie internetowej <http://www.motorolasolutions.com/recycling/weee>.  
**Portuguese:** Para clientes da UE: todos os produtos no fim de vida devem ser devolvidos a Zebra para reciclagem. Para obter informações sobre como devolver o produto, visite: <http://www.motorolasolutions.com/recycling/weee>.  
**Romanian:** Pentru clienții din UE: Toate produsele la sfârșitul duratei lor de funcționare, trebuie returnate la Zebra pentru reciclare. Pentru informații despre returnarea produsului, accesați: <http://www.motorolasolutions.com/recycling/weee>.  
**Slovenian:** Pre zalogovnikov z regije EU: Vseki proizvod mora biti po uporabi dobiti nazaj življenjski cikel spočnosti Zebra na reciklažo. Bišnje informacije o vrtnenju proizvodov najdete na <http://www.motorolasolutions.com/recycling/weee>.  
**Slovak:** Za kupcov z EU: vsi izdelki se morajo po poteku življenjske dobe vrniti podjetju Zebra za reciklážo. Za informácie o vrátoch izdelka ošičte: <http://www.motorolasolutions.com/recycling/weee>.  
**Sum:** Asakasiak Eoropan unióin aluak: Kaiki tuoteet on palautettava kierrätettäväksi Zebra-yhtiön, kun tuotteita ei enää käytetä. Lisätietoja tuotteen palautamisesta on osoitteesta <http://www.motorolasolutions.com/recycling/weee>.  
**Svenska:** För kunder inom EU: Alla produkter som uppnått sin livslängd måste returneras till Zebra för återvinning. Information om hur du returnerar produkten finns på <http://www.motorolasolutions.com/recycling/weee>.  
**Turkish:** AB Müsterileri için: Kullanım süresi doan tüm ürünler geri dönüştürme için Zebra'ya iade edilmelidir. Ürünlerin nasıl iade edileceği hakkında bilgi için lütfen ya adresi ziyaret edin: <http://www.motorolasolutions.com/recycling/weee>.

**Ergonomic Recommendations**  
**Caution:** In order to avoid or minimize the potential risk of ergonomic injury follow the recommendations below. Consult with your local Health & Safety Manager to ensure that you are adhering to your company's safety programs to prevent employee injury.  
• Reduce or eliminate repetitive motion  
• Maintain a natural position  
• Reduce or eliminate excessive force  
• Keep objects that are used frequently within easy reach  
• Perform tasks at correct heights  
• Reduce or eliminate vibration  
• Reduce or eliminate direct pressure  
• Provide adjustable workstations  
• Provide adequate clearance  
• Provide a suitable working environment  
• Improve work procedures.

**Regulatory Information**  
This device is approved under Symbol Technologies, Inc., a Zebra Technologies company. This guide applies to Model Number DS9208.  
All Zebra devices are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required.  
Local language translations are available at the following website: <http://www.motorolasolutions.com/support>.  
Any changes or modifications to Zebra equipment, not expressly approved by Zebra, could void the user's authority to operate the equipment.  
Declared maximum operating temperature: 40° C / 104° F.

**Radio Frequency Interference Requirements**



**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

**Radio Frequency Interference Requirements – Canada**  
This Class B digital apparatus complies with Canadian ICES-003.  
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

**Marking and European Economic Area (EEA)**



**Statement of Compliance**

Zebra hereby declares that this device is in compliance with all the applicable Directives, 2004/108/EC and 2006/95/EC. A Declaration of Conformity may be obtained from <http://www.motorolasolutions.com/doc>.

**EAS**  
System integrator to ensure final product is compliant with all applicable EU Directives.

<http://www.motorolasolutions.com/ds9208>

**Japan (VCCI) - Voluntary Control Council for Interference Class B ITE**

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。取扱説明書に従って正しい取り扱いをして下さい。

**Korea Warning Statement for Class B ITE**

기종별  
B급 기기  
(가정용 방송통신기기)  
사용자 안내문  
이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

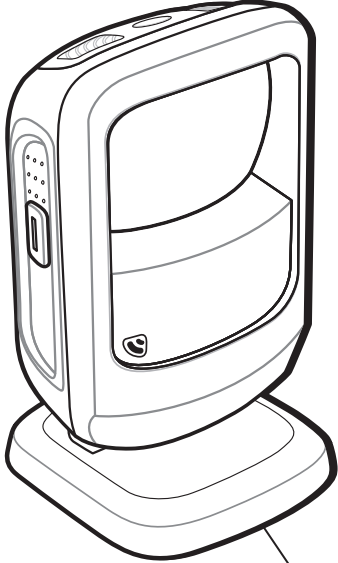
**Ukraine**  
This equipment corresponds to requirements of the Technical Regulation No. 1057, 2008 on restrictions as to the use of some dangerous substances in electric and electronic devices.

**Warranty**  
For the complete Zebra hardware product warranty statement, go to: <http://www.motorolasolutions.com/warranty>.

**For Australia Only**  
This warranty is given by Zebra Technologies Asia Pacific Pte. Ltd., 71 Robinson Road, #05-02/03, Singapore 068895, Singapore. Our goods come with guarantees that cannot be excluded under the Australia Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.  
Zebra Technologies Corporation Australia's limited warranty above is in addition to any rights and remedies you may have under the Australian Consumer Law. If you have any queries, please call Zebra Technologies Corporation at+65 6858 0722. You may also visit our website: <http://www.zebra.com> for the most updated warranty terms.

**Service Information**  
If you have a problem using the equipment, contact your facility's Technical or Systems Support. If there is a problem with the equipment, they will contact Zebra Support at: <http://www.motorolasolutions.com/support>.  
For the latest version of this guide go to: <http://www.motorolasolutions.com/support>.

**LED Devices**  
Complies with IEC/EN60825-1:2001 & EN 62471: 2006 and IEC62471: 2008.



LED LIGHT DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS CLASS 1M LED PRODUCT  
LED-LICHT SEHEN SIE NICHT DIREKT MIT OPTISCHEN INSTRUMENT AN PRODUKT der KATEGORIEN-1M LED  
LUMIERE DE LED NE REGARDEZ PAS DIRECTEMENT AVEC LES INSTRUMENTS OPTIQUES PRODUIT DE LA CLASSE 1M LED  
LED 光 直接地用光学仪器不要观看 类 1M LED 产品

Caution - use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous light exposure.



72-140088-02 Revision A December 2014

